

IN THE CLAIMS:

Please CANCEL claim 3 without prejudice or disclaimer and AMEND claims 1, 4-6, 8 and 13 as follows

1. (Currently Amended) An injection molding machine ~~including~~comprising:

a motor having a brake unit, wherein:

the brake unit is configured to generate a braking torque greater than or equal to a maximum torque generable by the motor,

the motor is configured to drive an ejector apparatus,

the ejector apparatus has a return spring configured to bias an ejector pin in a direction opposite to a direction in which the ejector pin is projected, and

the braking torque is greater than or equal to a torque generated by a biasing force of the return spring.

2. (Original) The injection molding machine as claimed in claim 1, further comprising:

a brake driving circuit configured to supply power to the brake unit;

an open-circuit detection circuit configured to detect an open circuit of the brake driving circuit; and

a controller configured to cause a display to display the open circuit and stop rotation of the motor upon detection of the open circuit in the open-circuit detection circuit, wherein

the brake unit is an electromagnetic brake.

3. (Cancelled)

4. (Currently Amended) The injection molding machine as claimed in claim 1, wherein the motor having the brake unit is a motor ~~for driving~~configured to drive an injection apparatus.

5. (Currently Amended) The injection molding machine as claimed in claim 1, wherein the motor having the brake unit is a motor ~~for driving~~configured to drive a mold clamping apparatus.

6. (Currently Amended) The injection molding machine as claimed in claim 1, wherein the motor having the brake unit is a driving motor ~~for moving~~configured to move an entire injection apparatus.

7. (Original) The injection molding machine as claimed in claim 1, further comprising:

a controller configured to cause the brake unit to perform braking after detecting stoppage of rotation of the motor having the brake unit.

8. (Currently Amended) A drive unit of a molding machine, comprising:
a motor for driving an ejector apparatus of the molding machine, the motor having
an output shaft coupled to a driven part of the molding machine, ejector apparatus and
configured to rotate the output shaft; and
a brake unit provided on a frame of the motor and configured to stop rotation of
the output shaft,

wherein a braking torque of the brake unit is set to be greater than a maximum torque of the motor and be greater than or equal to a torque generated by a biasing force of a return spring of the ejector apparatus, the return spring biasing the driven part of the ejector apparatus in a direction opposite to a direction in which the driven part is projected.

9. (Original) The drive unit of the molding machine as claimed in claim 8,
wherein the brake unit comprises:

a brake disc attached to the output shaft;
a brake pad fixed so as to be unrotatable with respect to the frame, and configured to be pressed against the brake disc; and

an operation part provided on the frame and configured to press the brake pad against the brake disc.

10. (Original) The drive unit of the molding machine as claimed in claim 9, wherein the brake unit is an electromagnetic brake having an electromagnetic coil configured to move the brake pad in order to release a braking force.

11. (Original) The drive unit of the molding machine as claimed in claim 8, further comprising:

a brake cover attached to the frame and covering the brake unit with a part of the brake unit being open; and

a rotational speed detection part attached to the brake cover and configured to detect a rotational speed of the output shaft.

12. (Original) The drive unit of the molding machine as claimed in claim 8, further comprising:

a brake cover attached to the frame and covering the brake unit with a part of the brake unit being open, wherein

the brake cover comprises a strip-shaped body.

13. (Currently Amended) The drive unit of the molding machine as claimed in claim 8, wherein:

the output shaft is hollow; and
a part of a movement mechanism ~~for moving~~configured to move the driven part is provided in the output shaft.